



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: Dale C. Flanders, *et al.*

Serial No: 09/648,413 ✓

Filed: August 25, 2000 ✓

For: Integrated Optical System Monitoring System

Group: 2872

Examiner: Cherry, Euncha P.

#9/A

Andt

J. Maniell

5/7/02

AMENDMENT UNDER RULE 111

Assistant Commission for Patents
Washington, D.C. 20231

Sir:

In response to the pending Office Action, mailed January 31, 2002 (Paper No. 7), Applicants hereby amend the above-captioned application and request reconsideration in view of the following remarks.

In the Specification:

Replace the paragraph beginning at page 1, line 30, in the specification as originally filed, with the following rewritten paragraph:

-- The advantage of WDM systems is that the transmission capacity of a single fiber can be increased. Historically, only a single channel was transmitted in each optical fiber. In contrast, modern WDM systems contemplate hundreds or thousands of spectrally separated channels per fiber. This yields concomitant increases in the data rate capabilities of each fiber. Moreover, the cost per bit of data for WDM systems is typically less than comparable non-multiplexed systems. This is because any amplification system required along the link can essentially be shared by all of the separate channels transmitted in a single fiber link. With non-multiplexed systems, each channel/fiber would require its own amplification system. --

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